

IN THE SPECIFICATION:

Page 2, lines 13-14, amend the table as follows:

Component	% by weight
SiO ₂	55 - 62
Al ₂ O ₃	13 - 17
B ₂ O ₃	0 - 2
P ₂ O ₅	1.5 - 3
Li ₂ O	0 - 2
Na ₂ O	7 - 12
K ₂ O	8 - 12
MgO	0 - 2
CaO	1 - ≤ 4
BaO	0 - 2
Tb ₂ O ₃	0 - 3
Me (IV)O ₂	0.5 - 3

Page 6:

Please replace Table 1 as filed with Table 1 as attached hereto.

Page 8, lines 1-10:

A comparison of the tests shows that the thermal expansion coefficient of the glass ceramic according to the invention is controllable. Thus, a thermal expansion coefficient (TEC) in the range of 9.0 to 13.5×10^{-6} , preferably 10.5 to 12×10^{-6} , can be set. In comparison to the ceramics known from EP 0 622 342 B1, which have either too low a TEC ($\leq 11 \times 10^{-6}/K$) or a too high TEC ($\geq 16 \times 10^{-6}/K$), the

TABLE I (Columns 1 - 12)

Test	Ivo.15	1	2	3	4	5	6	7	8	9	10	11	12
% by weight													
SiO ₂	55.34	59.78	59.05	60.01	58.03	56.22	59.83	55.53	58.44	58.93	58.02	59.08	58.72
Al ₂ O ₃	16.09	14.52	14.63	16.45	15.91	16.83	16.4	14.71	14.23	14.44	14.34	14.48	14.78
B ₂ O ₃	0.22	0.44	0.44			1.09	1.07	2.23	0.44		1.1		
P ₂ O ₅	2.59	2.32	2.42	2.33	2.38	2.06	1.4	2.46	2.44	2.43	2.43	2.43	2.44
Li ₂ O				1.28	1.31	1.1	1.29	0.45					
Na ₂ O	9.08	9.36	9.3	4.44	6.39	5.91	6	9.97	9.84	10.03	10.01	10.04	9.13
K ₂ O	11.88	9.09	9.23	13.49	12.96	13.11	12.86	10	9.63	9.21	9.15	9.24	10.19
MgO													
CaO	2.6	2.97	2.95	0.09	1.3	1.91	0.09	2.88	2.98	2.97	2.97	2.97	2.97
BaO													
Tb ₂ O ₃													
SnO ₂		1.52	0.88	0.85	0.86	0.87		1.45	0.89	0.88	0.88	1.43	1.44
CeO ₂			1.1	1.06	0.86	0.87	1.07	0.33	1.11	1.1	1.1	0.33	0.33
ZrO ₂	1.9												
TiO ₂	0.3												
Calculated thermal expansion coefficient (Alpha x10exp.-6/K)													
	10.73	9.91	9.98	9.64	10.53	10.23	9.96	10.58	10.35	10.31	10.02	10.32	10.28
Applicable relevant baking temperature in °C													
	960	940	940	980	920	940	940	870	920	940	920	940	950
Tempering of the glass frit (Min./°C)													
	60/950	30/950	30/95 950		30/950		30/950	30/980	30/930	30/960	30/940	60/950	40/960
Measured thermal expansion coefficient													
	unknown	unknown	9.71		unknown			17	unknown	12.01	unknown.	11.08	12.8
Optical values													
L*tran	69.7	77.1	76.6		cloudy		81.4	65.8	79.8	80.5	80.9	81	79
b*tran													
s.	26.5	31.6	32.8				9.4	27.4	25.6	29.3	34.9	30.3	32.9
b*ref.													

glass ceramic according to the invention can be set in the TEC range of 11.0 to 13.0 x 10⁻⁶/K for coating ceramics, which is especially important in the dental field.

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